Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 01 Sep 2022 until 23:59 on Friday 02 Sep 2022

Forecast Issued on Thursday 01 Sep 2022 at 02:36

Confidence: High confidence for the main story and the unsettled conditions over the weekend but low for the timing and distribution of any rain/showers.

Headline for Thursday 01 Sep 2022: Fine with sunshine and fair weather cloud.

Mountain weather hazards on Thursday 01 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny	Sunny intervals	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	10%	10%

Forecast for Thursday 01 Sep 2022

Weather: Any early cloud and lcoalised mist and fog patches will soon lift and break during the morning, allowing sunny spells to develop, become prolonged in the afternoon. Remaining dry and largely clear in the evening.

Chance of cloud-free hill tops above 600m: 70% becoming 95% or more by late morning

Low cloud and visibility: Very poor at low levels at first in any mist and shallow fog, and also very poor for some eastern parts at height, with low cloud covering some eastern slopes above 400m. Cloud lifting above all slopes with visibility becoming very good by late morning, with excellent panoramic views and distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 01 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/27 E	23/30 E	18/24 E	14/20 E	14/21 E	15/22 E	14/21 E
300	12/20 NE	19/28 E	15/21 E	13/18 NE	12/19 NE	11/20 NE	10/18 NE
Valley	8/21 E	14/28 E	12/22 E	11/19 E	11/22 E	13/25 E	12/24 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	12/8	14/11	15/12	14/12	12/10	11/9
300	13/10	14/11	17/14	18/16	17/15	15/13	14/12
Valley	13/12	16/13	19/16	20/17	18/16	15/13	14/12
Freezing Level*	2100m	2000m	2000m	2200m	2300m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate UV levels during any sunny periods.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 01 Sep 2022	0mm	0mm	0mm

Forecast for Friday 02 Sep 2022

Weather: The odd patch of mist or fog reforming in valleys around dawn, but soon clearing. Cloud soon thickening during the morning with an increasing chance of showers in the afternoon.

Maximum wind: Easterly 10mph with gusts 20mph.

Chance of cloud-free hill tops above 600m: 90% or more.

Low cloud and visibility: Very poor at low levels at first in any mist and shallow fog. This lifting through the morning, perhaps briefly obscuring higher routes above 400m. Generally good visibility following, with good views of distant hills, but deteriorating in any showers. Perhaps the odd patch of cloud obscuring tops above 600m where these occur.

Temperature: **Valleys:** Plus 12 becoming Plus 18 Celsius.
At 600m: Plus 9 becoming Plus 14 Celsius.
Freezing level: Above summits

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